

# CONSISTENCY MEETING

Date: 6/11/2014

## DEPARTMENTAL GOALS:

- 85 - 90 % 1 DAY TURN AROUND
- 80 - 85 % CONTRACTOR PASS RATE
- **QUALITY INSPECTIONS!**
- **EXCELLENT CUSTOMER SERVICE!**

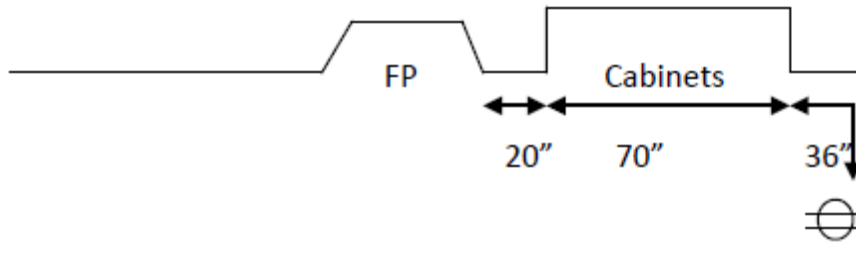
## SAFETY ISSUES:

REMEMBER COUNTY CELL PHONE POLICY, USE ALL APPROVED SAFETY EQUIPMENT ISSUED TO YOU. (i.e. HARDHAT, SAFETY GLASSES, SAFETY SHOES, PPE)

**Q: WHY ARE WE HERE? A: TO SERVE THE CUSTOMER**

## Consistency Questions

1- I am wiring receptacles in a living room that contains a fireplace and fixed cabinets. The cabinets have storage with doors up to 36", then shelves the rest of the way to the ceiling. There is less than 24" of wall space between the fireplace and the cabinets. Is the receptacle configuration in the following drawing acceptable? (Gerald Barnes)



210.52(A)(2)(1) added fixed cabinets to this section as an example of an object that breaks the wall space at the floor line, therefore in the illustration above starting from the fireplace and moving to the right, this receptacle location is correct.

2- I am wiring a house and the homeowner wants to install the A/V console in the laundry room. Will the receptacle in the console have to be on the laundry circuit or can it be on a general purpose circuit? (Joe Weathers)

This receptacle may be on a general purpose circuit and is not allowed on the laundry.

3- I am doing some repair work on a house that was damaged by a large tree during a storm. The existing wiring is knob and tube. I have to replace this wiring in several locations where it was damaged. I used romex to replace the knob and tube wiring. The inspector turned the job down citing NEC 250.130(C). Is she correct? If so, would this extension require grounding if I had extended the circuit with more knob and tube wiring? (Chris Dellinger)

No she is incorrect, and yes circuit can be extended if grounded per 250.130(C)

4- Can a non-fan rated box be used instead of a rated/listed fan box when a ceiling fan is to be installed? (David Rains)

Maybe 314.27(C); 422.18

Note: 3-1/2" fiber pancake boxes are not UL listed

5- Does the installation of load control devices for air conditioners require a permit? The power company is having a subcontractor install these devices everywhere and they aren't being permitted. (Joe Weathers)

See new General Statute:

6- We get a notice from U/L that a certain item has a recall on it. The inspector see's this in the field. (plug mold for instance) Without tearing it apart to check the dates what does the inspector do? 1) Let the E/C know that there's a recall of some of these? 2) Turn the job down and have them replace it or show you? Or 3) If it checks out then go on? (See below) (Matt King)



The best we can do here is to advise someone that their product is on a recall list and move on. However if it's being recall because of a phony label, then we must turn the job down and take steps to get the equipment code compliant.

7-Is this light, in the picture above, permitted on the small appliance circuit? (Craig Sloop)

NO. See 210.52(B)(2)

**(B) Small Appliances.**

**(1) Receptacle Outlets Served.** In the kitchen, pantry, breakfast room, dining room, or similar area of a dwelling unit, the two or more 20-ampere small-appliance branch circuits required by 210.11(C)(1) shall serve all wall and floor receptacle outlets covered by 210.52(A), all countertop outlets covered by 210.52(C), and receptacle outlets for refrigeration equipment.

*Exception No. 1: In addition to the required receptacles specified by 210.52, switched receptacles supplied from a general-purpose branch circuit as defined in 210.70(A)(1), Exception No. 1, shall be permitted.*

*Exception No. 2: The receptacle outlet for refrigeration equipment shall be permitted to be supplied from an individual branch circuit rated 15 amperes or greater.*

**(2) No Other Outlets.** The two or more small-appliance branch circuits specified in 210.52(B)(1) shall have no other outlets

8- In a time clock for a swimming pool. Do I have to mount a ground bar or can I make a joint on my grounds and pigtail to a ground screw. (Gary Mullis)

Not on a light. Yes on a pump

9- Does a remote pool panel have to be rated as "suitable for service"? Is an Inter-system Bonding attachment required at the remote panel? Are two ground rods required? (David Rains)

Yes/225.36, Yes/250.94; Yes

10- When grounding a transformer where the GEC is connected in the panel on the secondary side, and the conductors are ran in metallic flex, is it necessary to pull a supply side bonding jumper from the transformer to the panel? (Gerald Barnes)

See pictures and explain.

11- I was recently turned down on a kitchen renovation for not changing receptacles to GFCI. The plans clearly showed that the receptacles were existing to remain. The inspector said that since there was new equipment shown in that location on the equipment schedule, they would have to be changed to GFCI. Is this correct? (Chris Dellinger)

No, this is not correct. The addition of new equipment without adding new receptacles does not mandate adding GFCI protection.

12- Are lighting outlets required on apartment balconies with no access to grade level? (Craig Sloop)

No a lighting outlet is not required. See 210.70(A)(2)(b)

**NEXT MEETING:**

**Contractors - Wednesday September 10, 2014**

**Inspectors - Wednesday July 9, 2014**